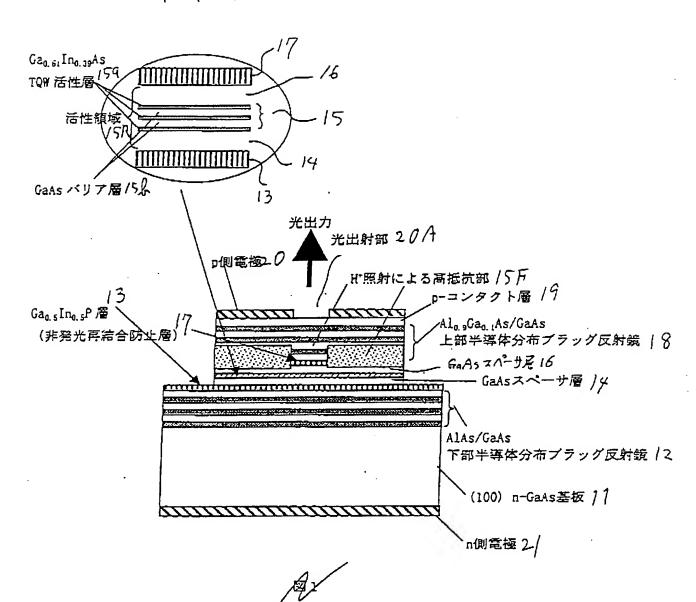
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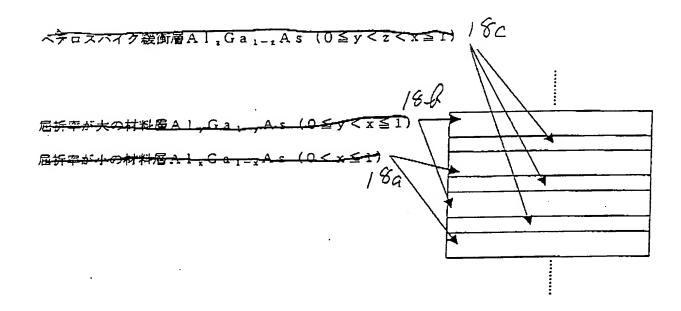
FIG1



[AZ]

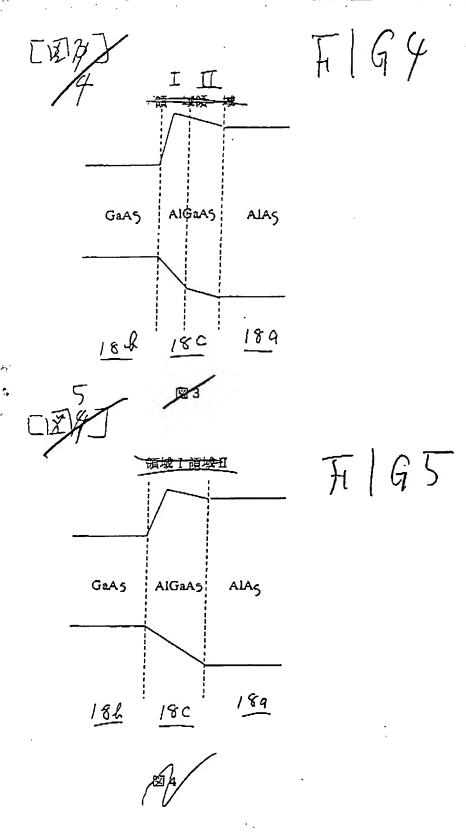
F193

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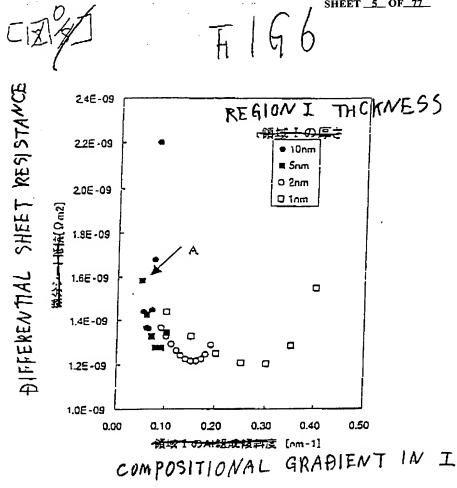
OBLON, SPIVAK, ET AL DOCKET #: 220103US2 INV: Takuro SEKIYA, et al. SHEET \_4\_ OF\_77\_



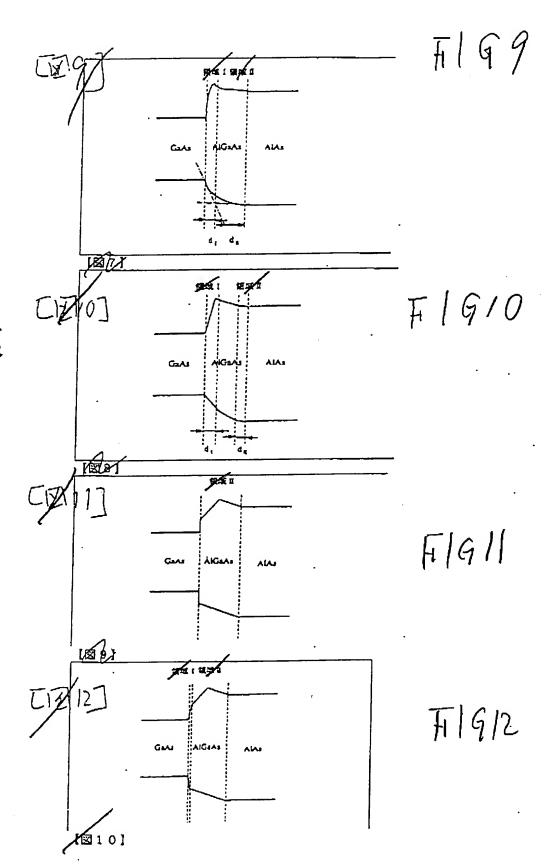
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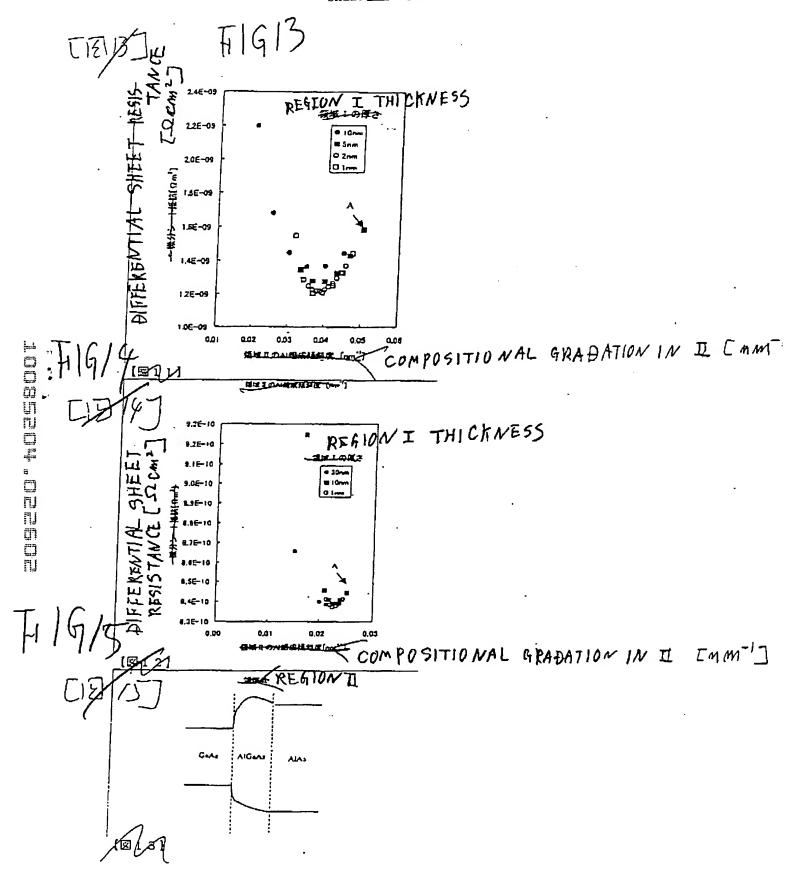
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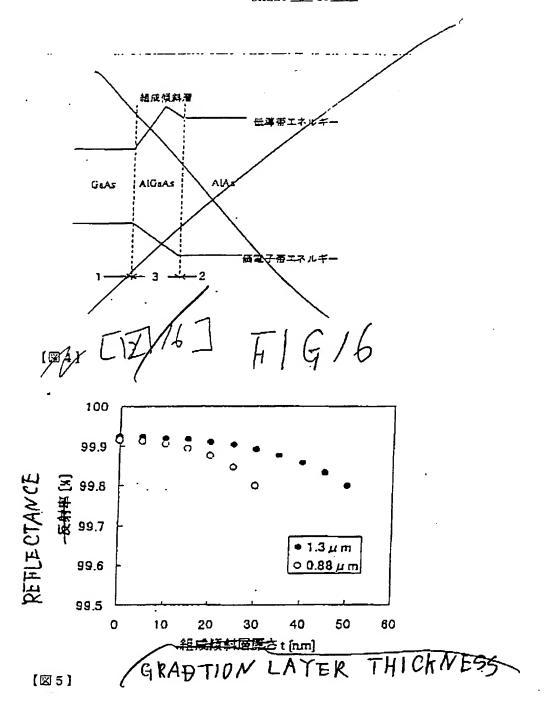
OBLON, SPIVAK, ET AL DOCKET #: 220103US2 INV: Takuro SEKIYA, et SHEET \_5\_ OF\_77\_



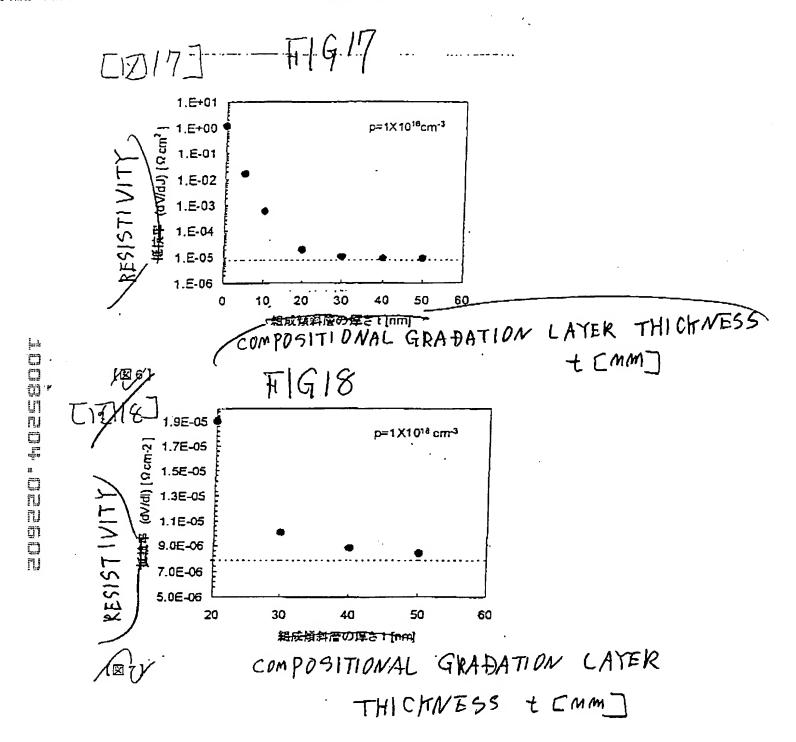
GaA Alas GaA Alas

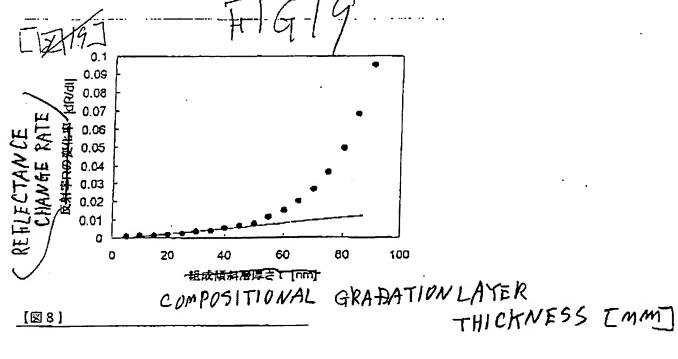


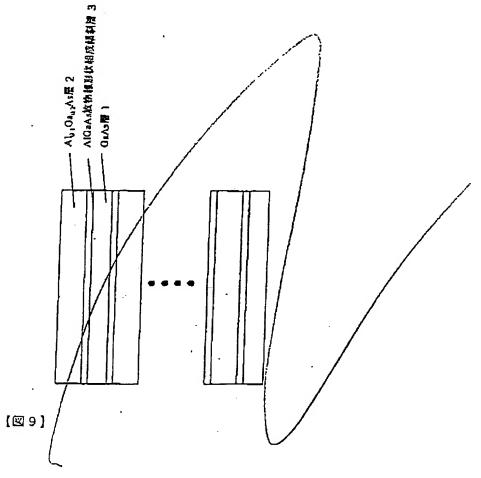




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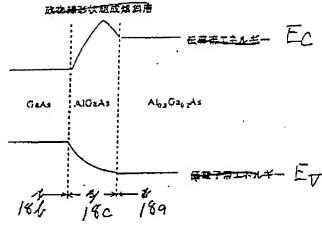


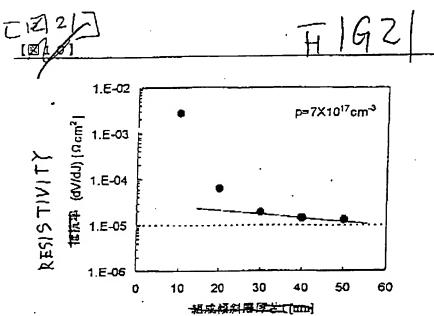




[1]20]

F1920



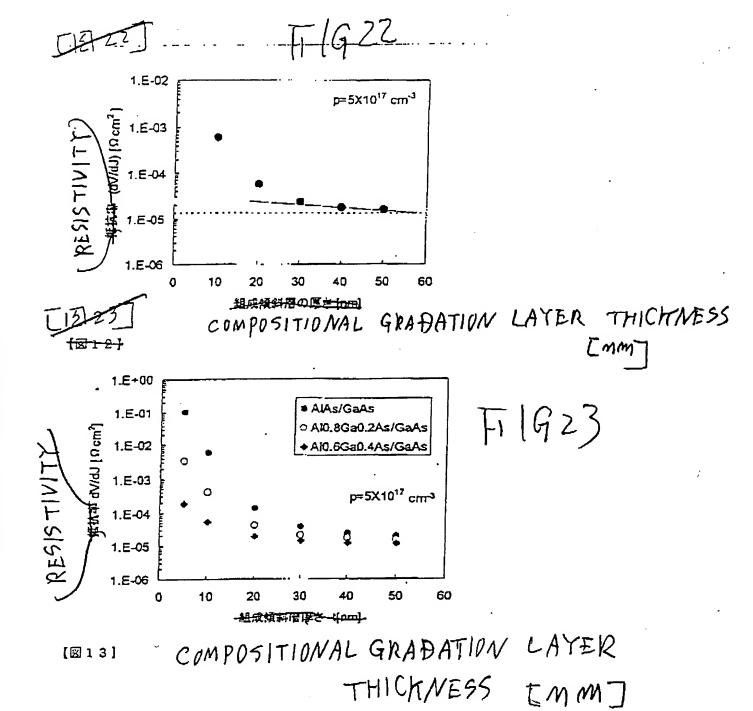


COMPOSITIOAL GRADATION LAYER THICKNESS

[図11]

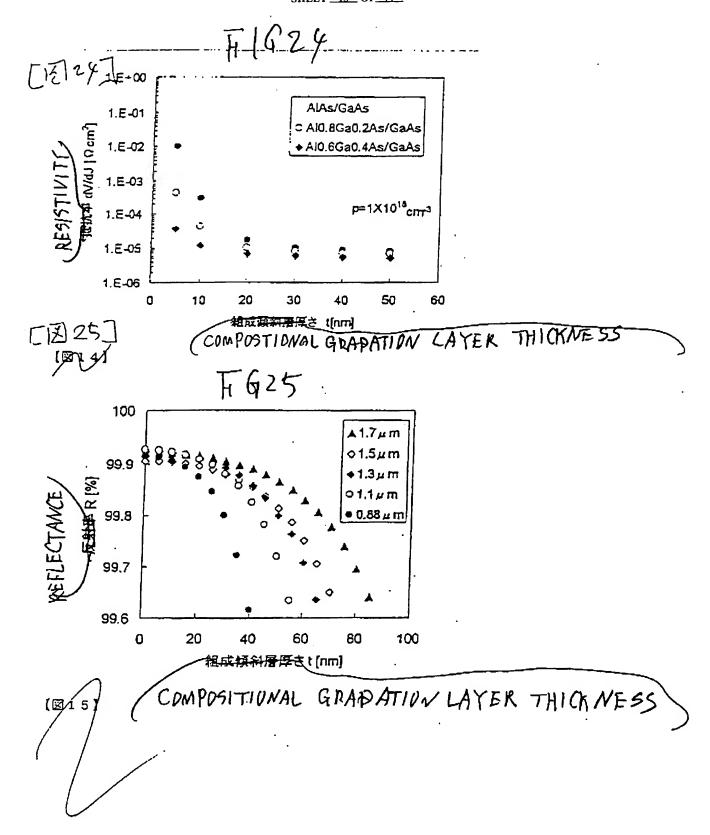
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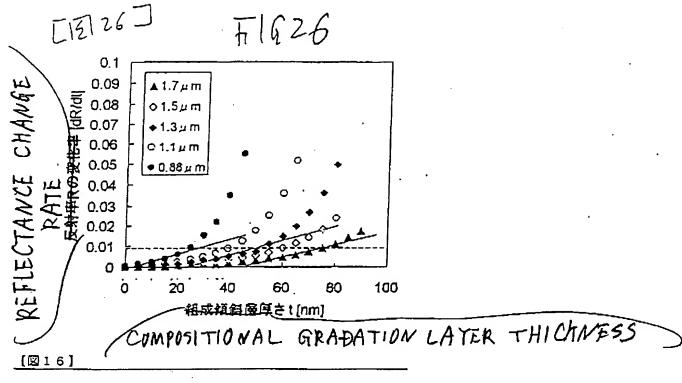
TOM

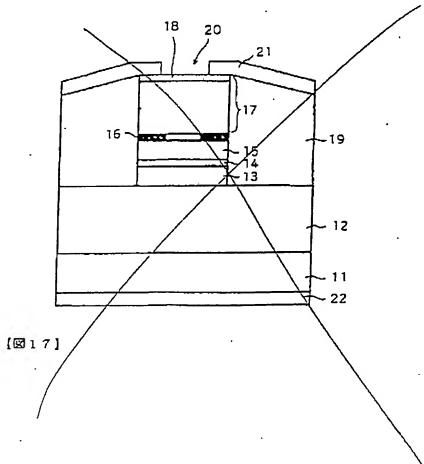


10085204 DERSOR

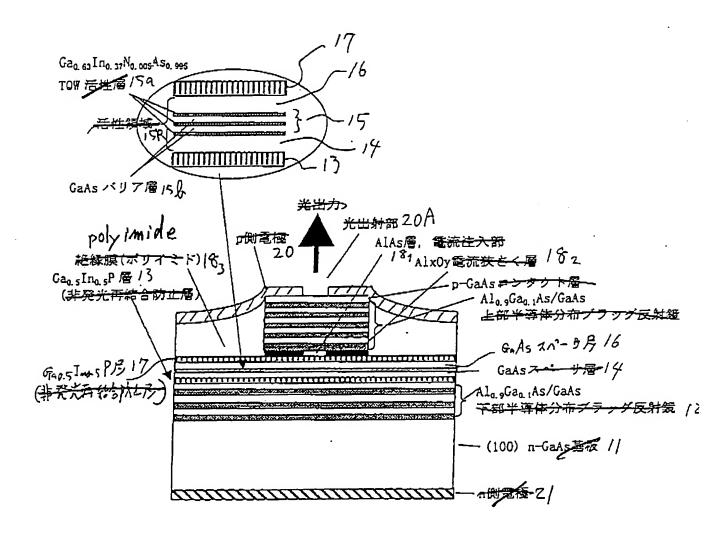




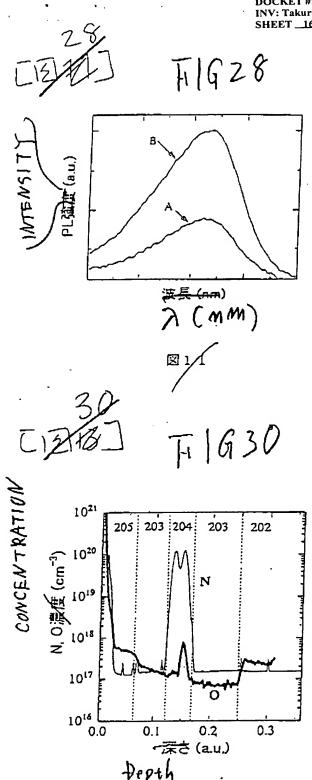




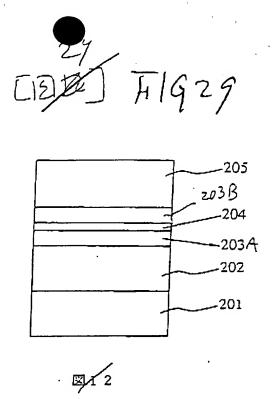
OBLON, SPIVAK, ET AL
DOCKET #: 220103US2
INV: Takuro SEKIYA, et al.
SHEET \_15\_ OF\_77\_

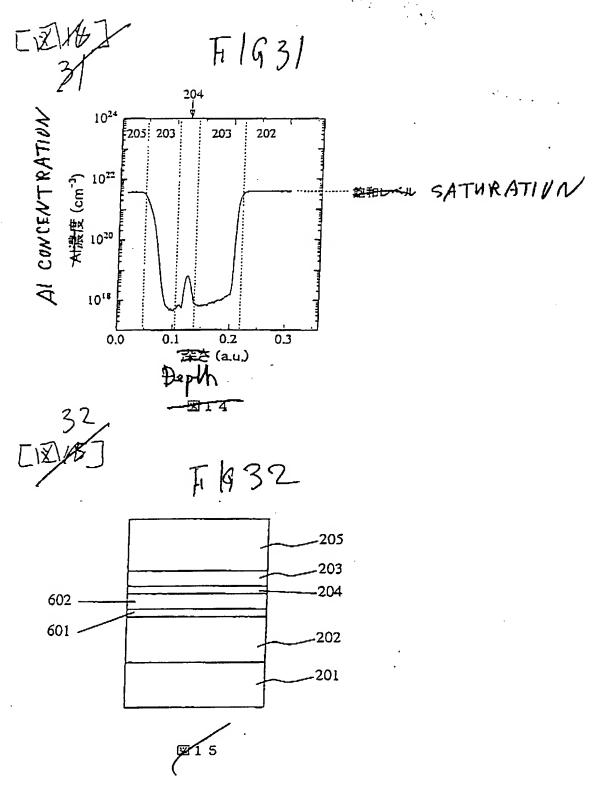


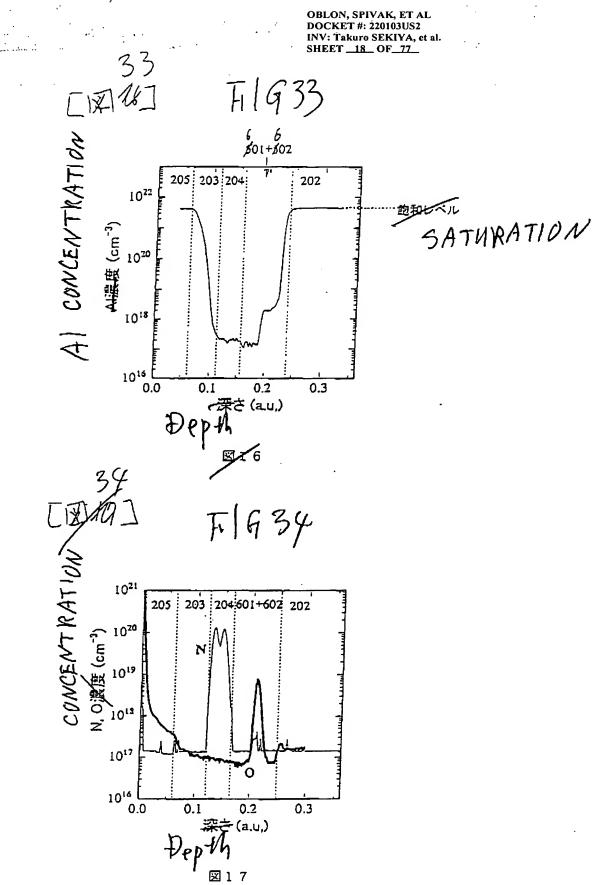
OBLON, SPIVAK, ET AL DOCKET #: 220103US2 INV: Takuro SEKIYA, et al. SHEET <u>16</u> OF <u>77</u>



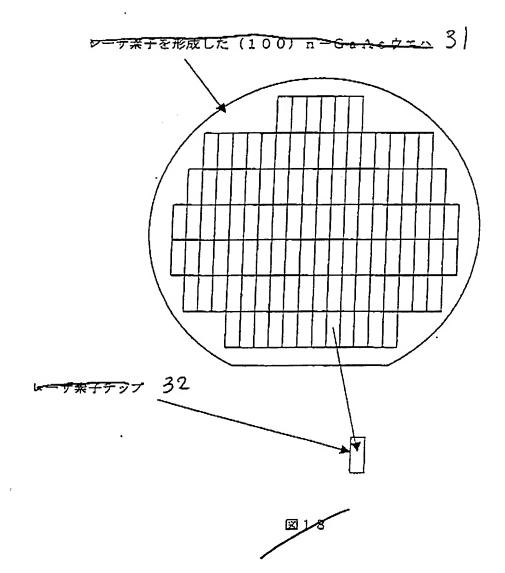
**図**13







F1/935

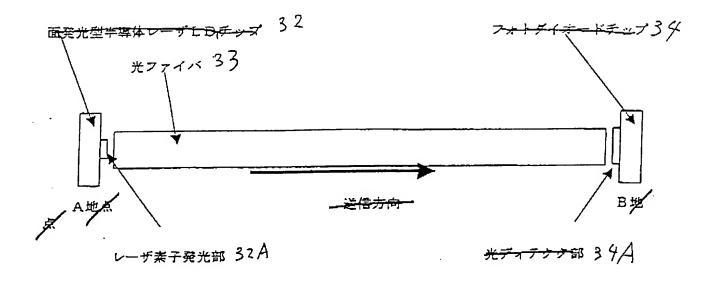


OBLON, SPIVAK, ET AL DOCKET #: 220103US2 INV: Takuro SEKIYA, et al. SHEET \_\_20\_ OF\_\_77\_\_

[1362]

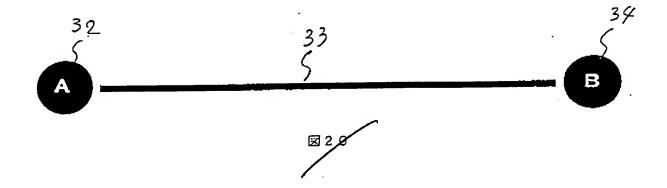
F1636

#3



[A] 20]

F1637



[图4]

F1 G 38

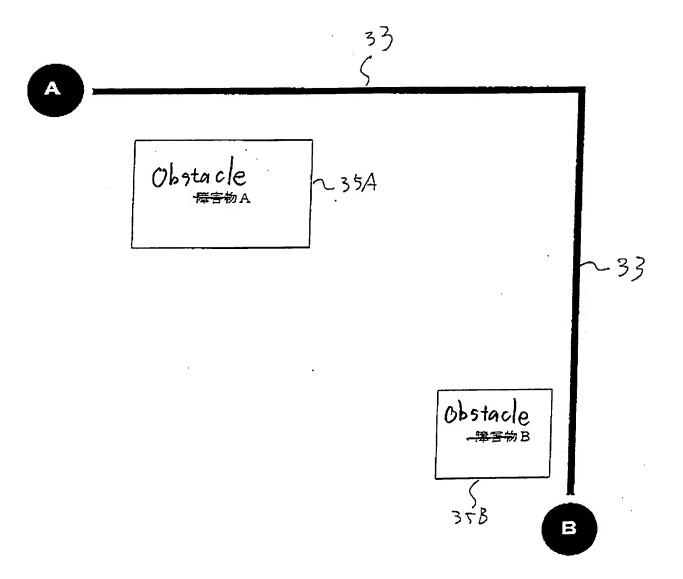


图21

OBLON, SPIVAK, ET AL DOCKET #: 220103US2 INV: Takuro SEKIYA, et al. SHEET 23 OF 77 #3 FIG 40 Obstacle 摩鲁物D ) 35 Ð 35E Obstacle

UBLON, SFIVAN, ET AL. DOCKET #: 220103US2 INV: Takuro SEKIYA, et al. SHEET \_24\_ OF\_77\_ ·反射部讨 R 送信方向

OBLON, SPIVAK, ET AL DOCKET #: 220103US2 INV: Takuro SEKIYA, et al. SHEET \_25\_ OF\_77\_ LIX1 47 H1942 32 32A (F1 R A <del>地点</del> <del>室内部</del>4∫A -F2 39A 多是 42 B类点 34

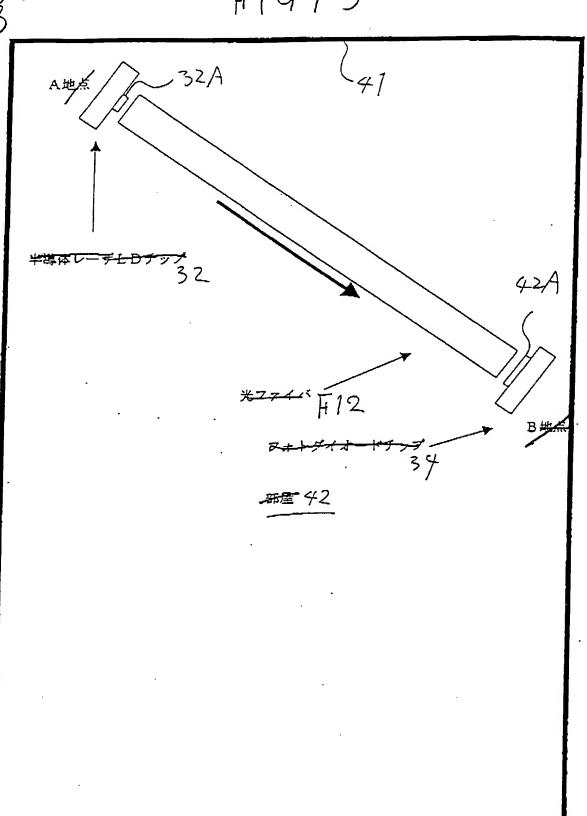


ΩBLΩN, SPIYAE, ET AL DOCKET #: 220103US2 INV: Takuro SEKIYA, et al. SHEET \_26\_ OF\_77\_

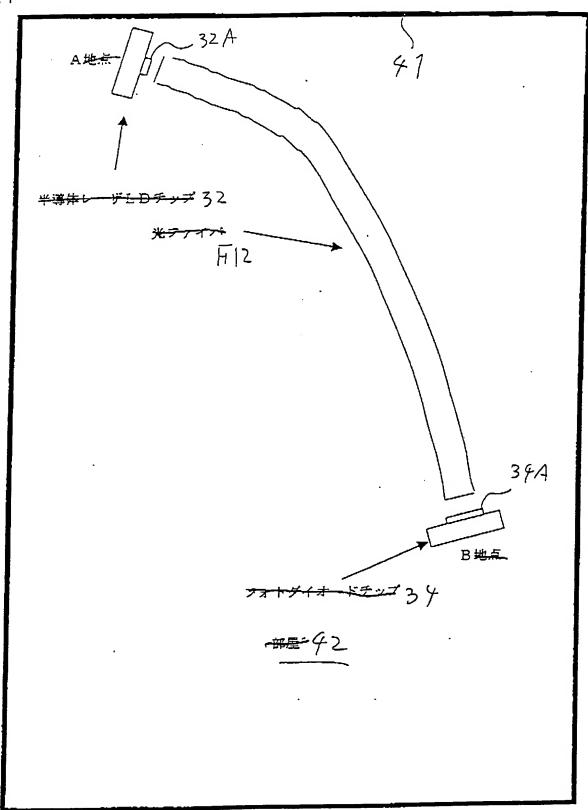
口图到了

F/G 43

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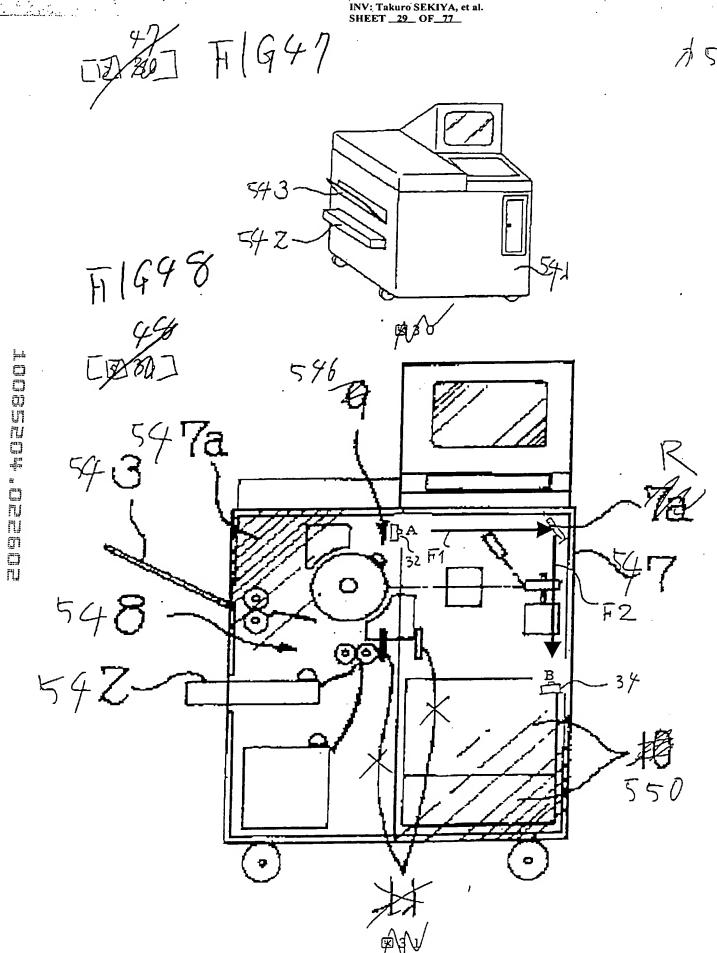






UBLUN, SPIVAN, EI AL DOCKET #: 220103US2 INV: Takuro SEKIYA, et al. SHEET \_28\_ OF\_77\_ F1945 CIZ 面発光型半導体 -ザ栗子発光部 ろ2人 344 送信方向 EMINT R 西発光型半等体上 32 <del>(送信方向</del> 步来子完光部-32A 送信方向 <del>172755</del>34A

OBLON, SPIVAK, ET AL DOCKET #: 220103US2 INV: Takuro SEKIYA, et al. SHEET 29 OF 77



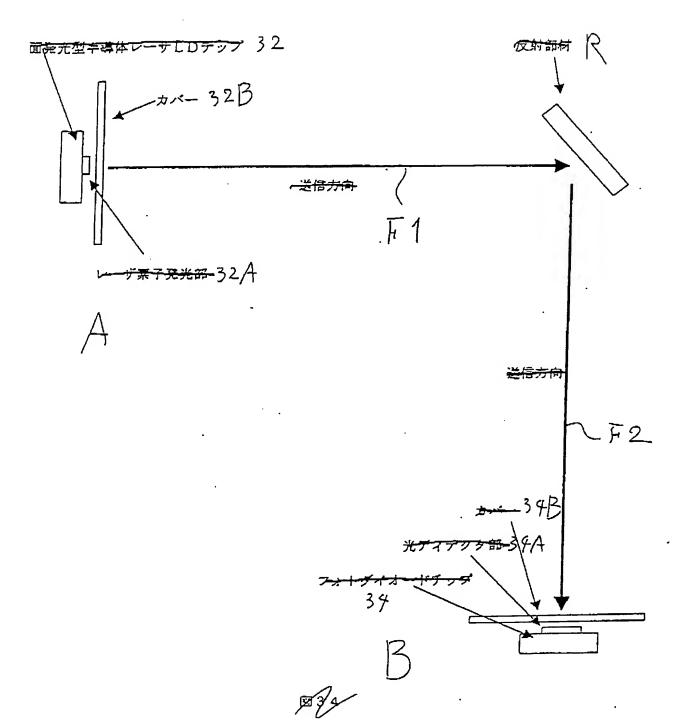
[13/82] F1 [9 49: 55] 为了 555 为他 0000000 F.1950 556 556A 445**6** 554a 55 4 b 招格 H12

OBLON, SPIVAK, ET AL DOCKET #: 220103US2 INV: Takuro SEKIYA, et al. SHEET \_31\_ OF\_77\_

[XXX]

FIG5

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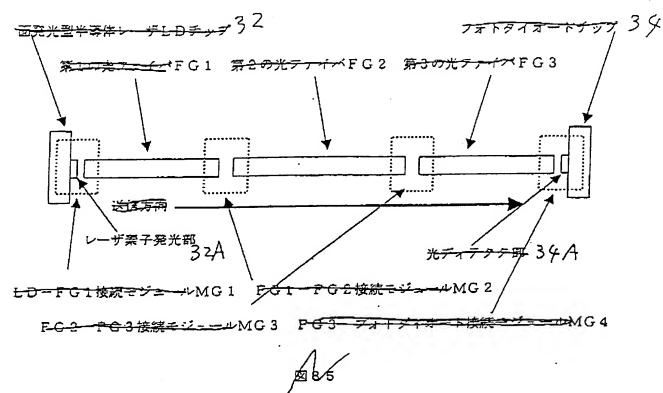


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"IOGSEC" "CEESE"

FIG 52

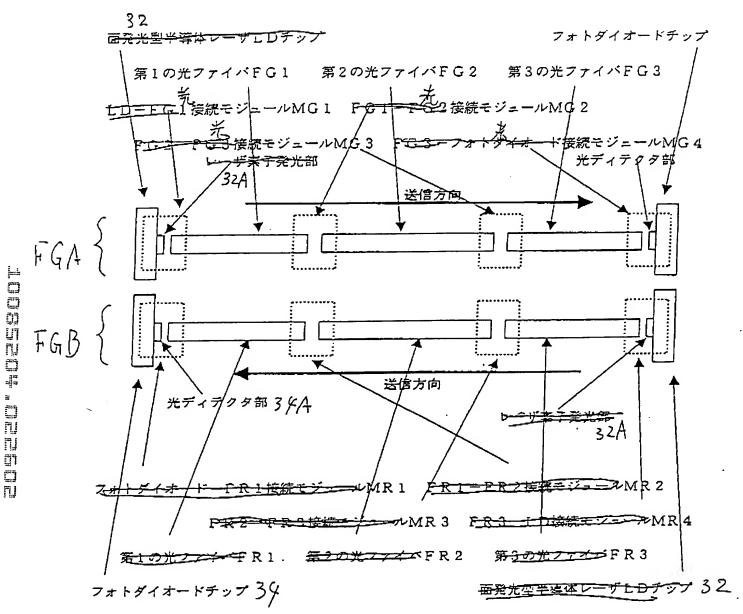
\$7 L



[DAS]

## FIG53

27



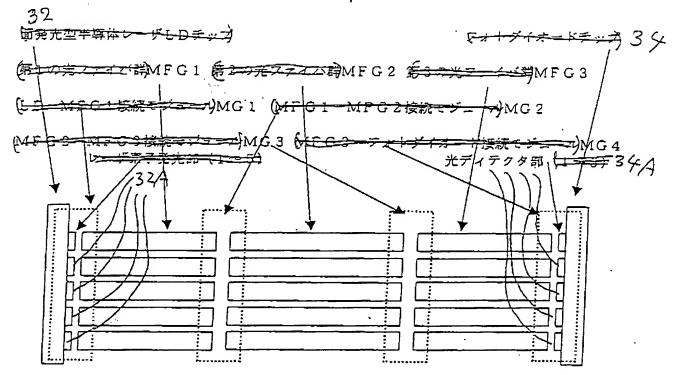
**2** E

UBLUN, SPIVAK, ET AL DOCKET #: 220103US2 INV: Takuro SEKIYA, et al. SHEET \_34\_ OF\_77\_

[1]34]

F1959

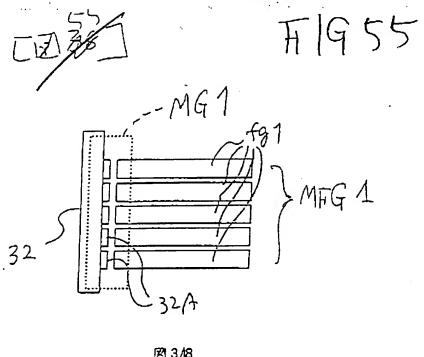
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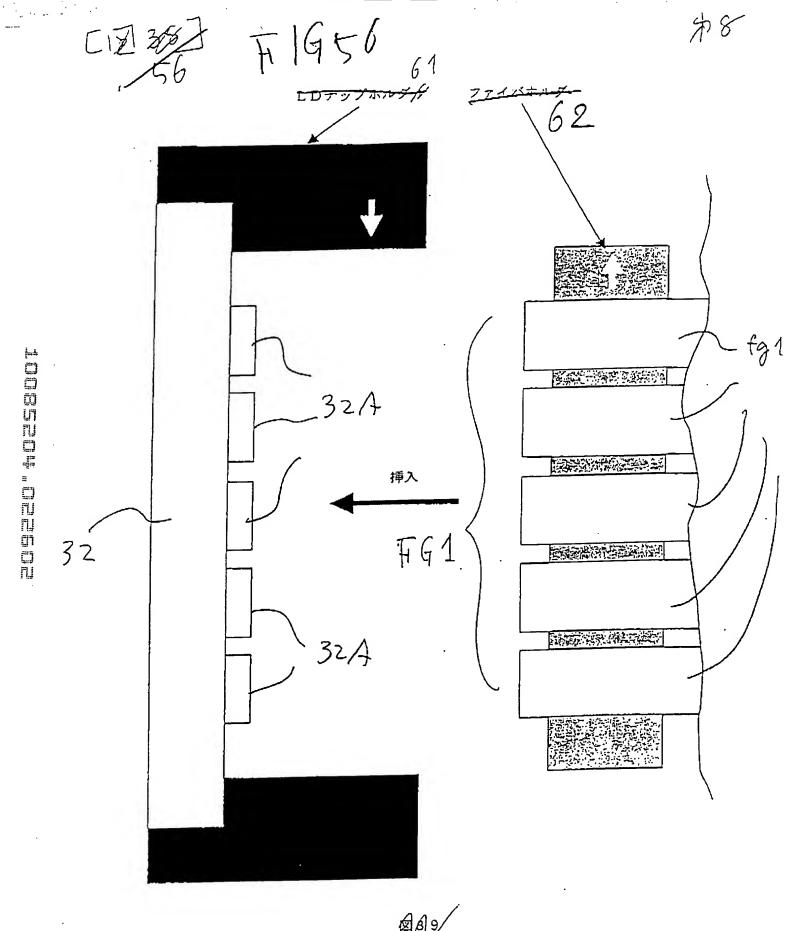
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送信力向

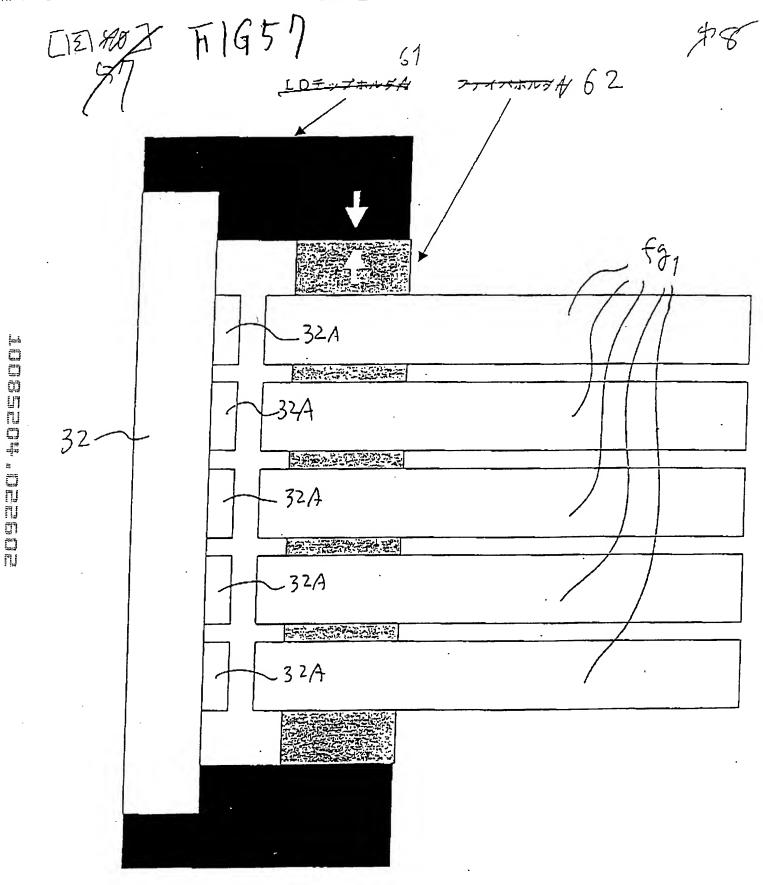
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OBLON, SPIVAN, ET AL DOCKET #: 220103US2 INV: Takuro SEKIYA, et al. SHEET \_36\_ OF\_77\_

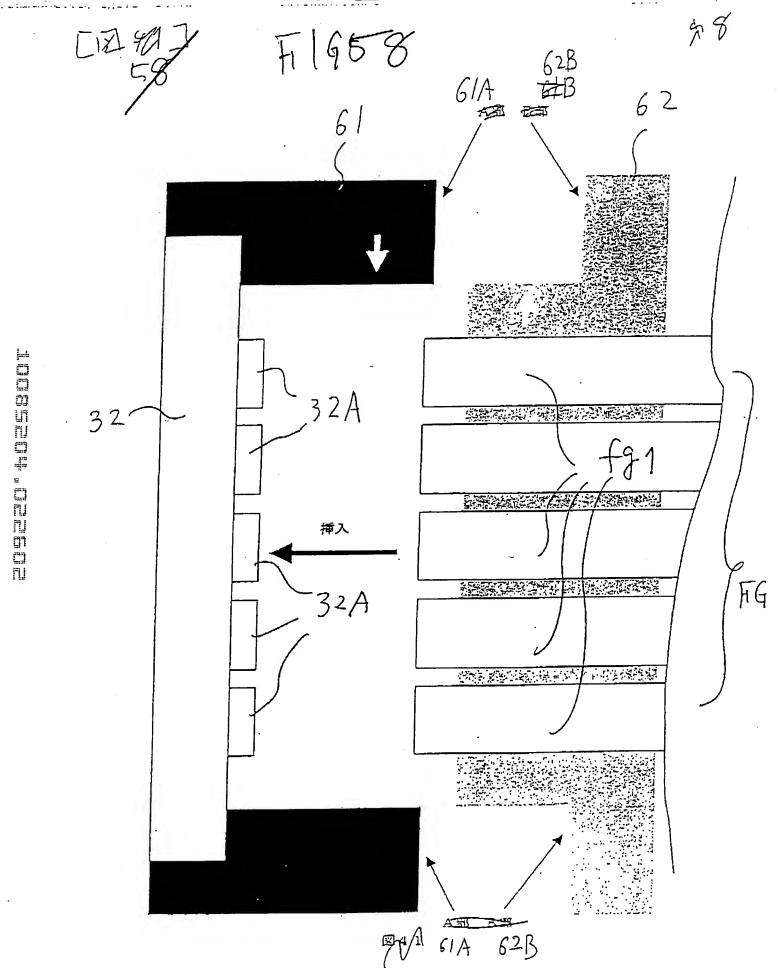


OBLON, SPIVAK, ET AL DOCKET #: 220103US2 INV: Takuro SEKIYA, et al. SHEET \_37\_ OF\_77\_



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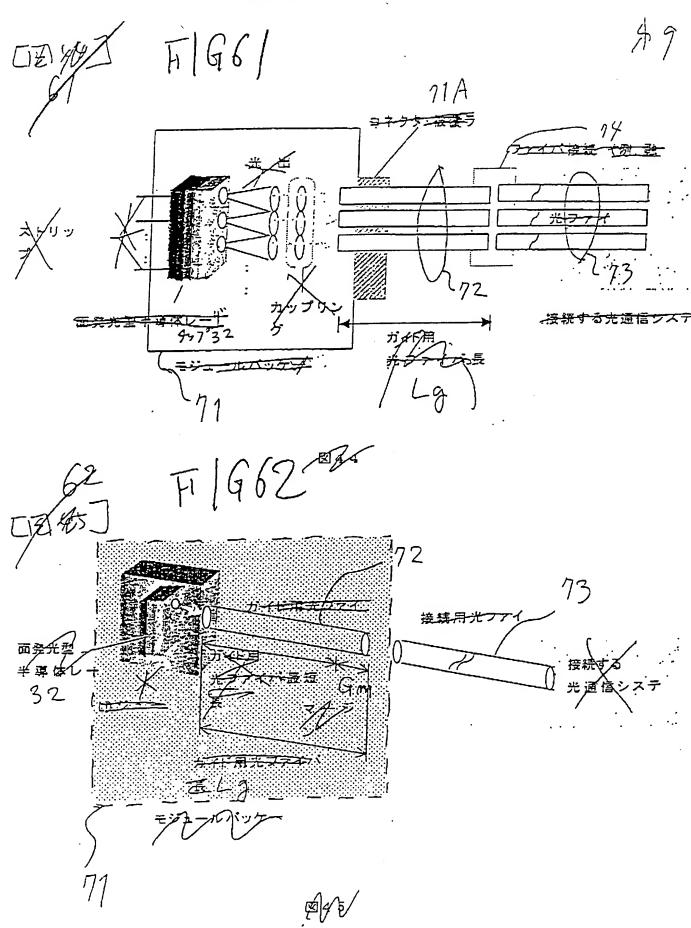
OBI ON, SBIVAK, ET AL DOCKET #: 220103US2 INV: Takuro SEKIYA, et al. SHEET \_38\_ OF\_77\_



OBLON, SPIVAK, ET AL DOCKET #: 220103US2 INV: Takuro SEKIYA, et al. SHEET \_39 OF\_77\_ A8 F1959 CE RZX 62 fg 1 32A lossin a ches 32: **以外的证明的是是是是是是是是是是 当时代中国的国际的国际的** NO CARREST CONTRACTOR MFG1

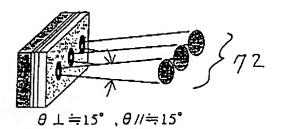
F1660 第<del>20第一个详</del>MFG2 第<del>1の光ファイバ</del>群MFG1 B郊 A B 65 コレMG2 出資本を行るないはいないないないのでは 古代の主体の記念を言います。 おりまちょうはこれのおうななは、そうないなかられて

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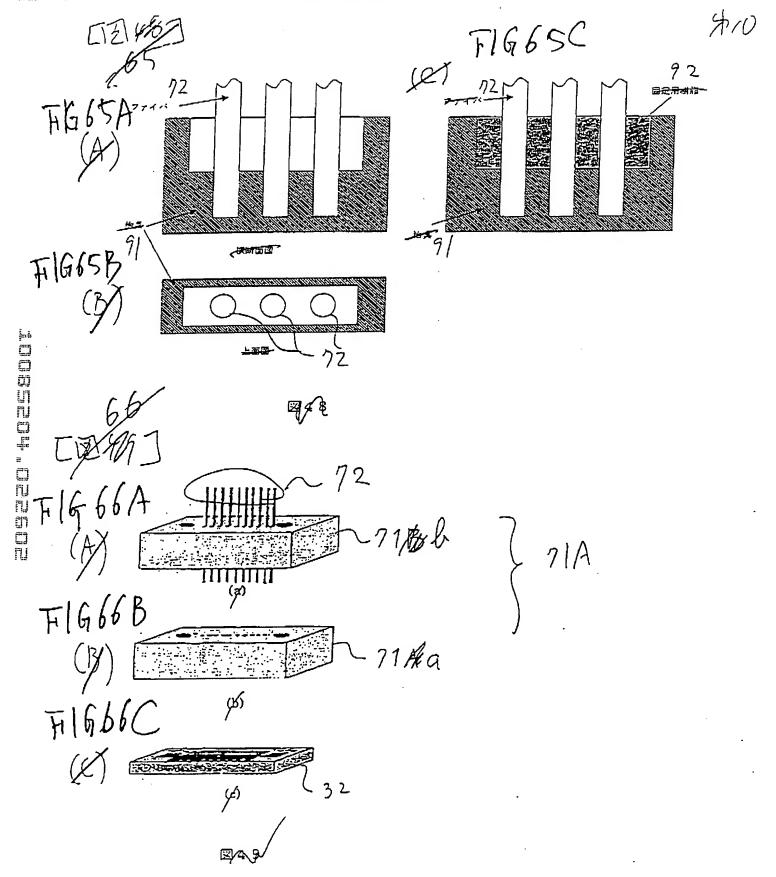


OBLON, SPIVAK, ET AL DOCKET #: 220103US2 INV: Takuro SEKIYA, et al. SHEET 42 OF 77 710 门到 F1 1 G 6 3 通信制御部 81 CONTRUL = +7 71A 半導伊 LP 4 DRIVE 82 32 72 面発光型平導体と

[1379] F1 G64

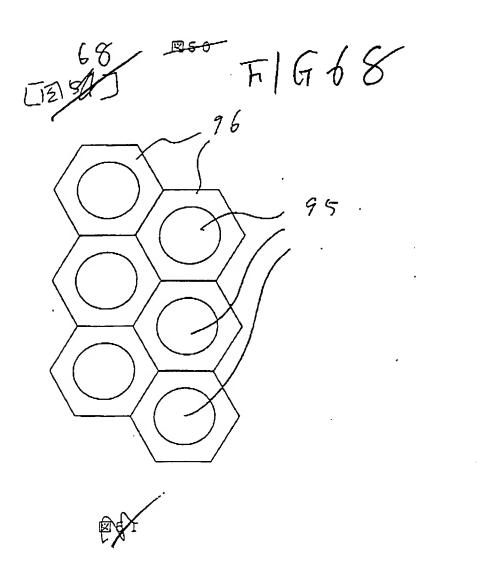




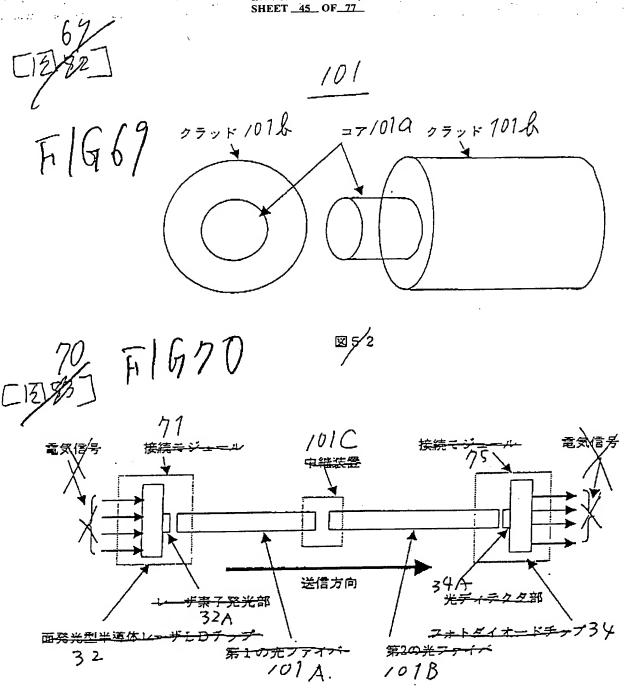


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OBLON, SPIVAK, ET AL DOCKET #: 220103US2 INV: Takuro SEKIYA, et al. SHEET \_44 OF \_77\_\_



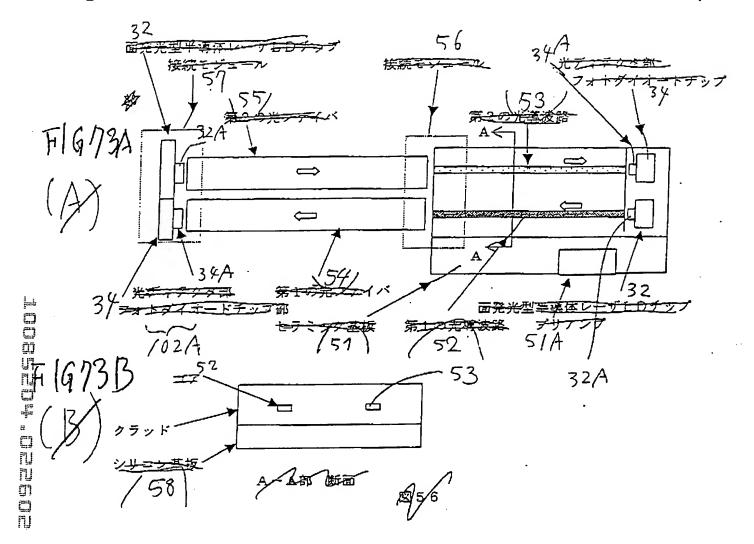
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**E 3** 3

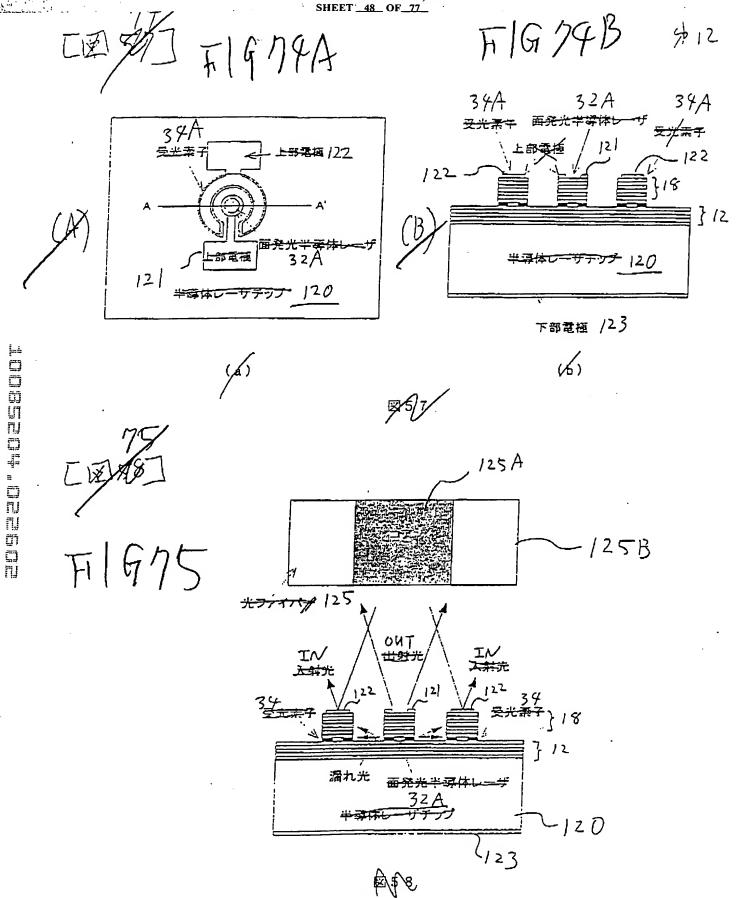
己团粉门

SP 11



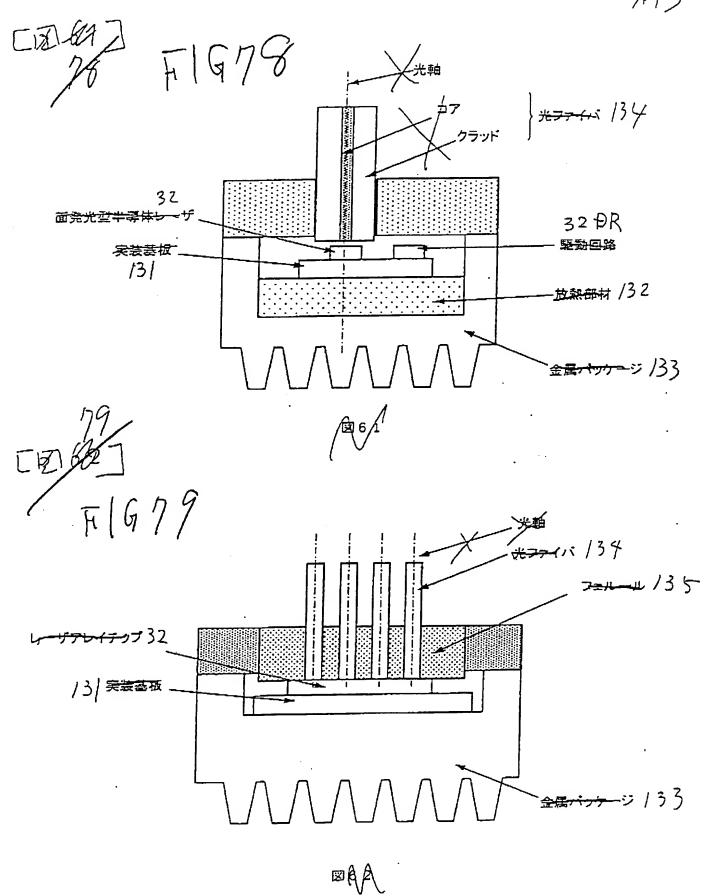
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OBLON, SPIVAK, ET AL DOCKET #: 220103US2 INV: Takuro SEKIYA, et al. SHEFT 48 OF 77

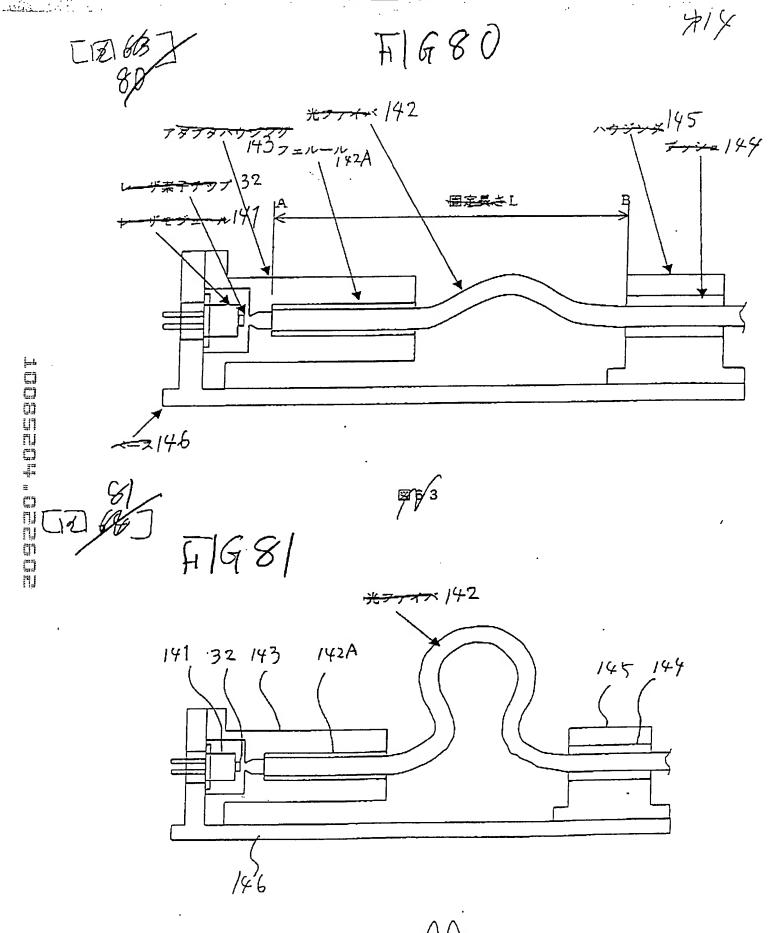


OBLON, SPIVAK, ET AL DOCKET #: 220103US2 INV: Takuro SEKIYA, et al. SHEET <u>49</u> OF <u>77</u> 912 FIG76B F1976A 34/4 面発光半導体レーザ 受光素子 34A 34/<del>1</del> 受<del>光張</del> 上部直接 / 2 2 安光景子 122 32 A 、半導体レ <del>ゾナ</del>ップ 12*0* 下部電極-123 100855C4 OES62 (31) **₹**59 125A 12513 125 OUT IN IN 入料光 34A 34A 受光本子 324 面査芸工道体レーデ 120

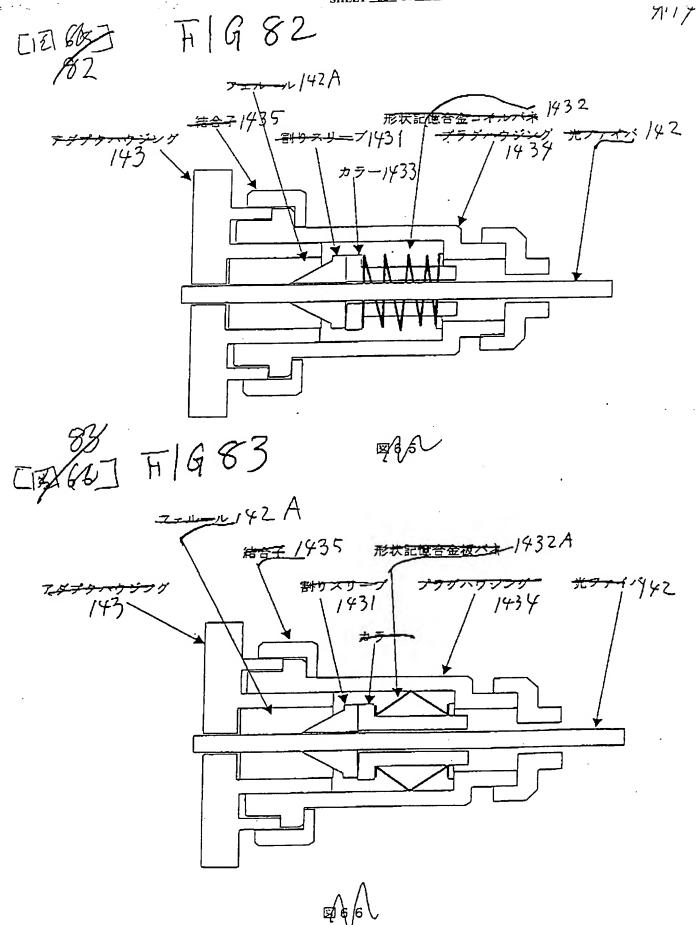
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OBLON, SFFVAR, ET AL DOCKET #: 220103US2 INV: Takuro SEKIYA, et al. SHEET \_51\_ OF\_77\_



10



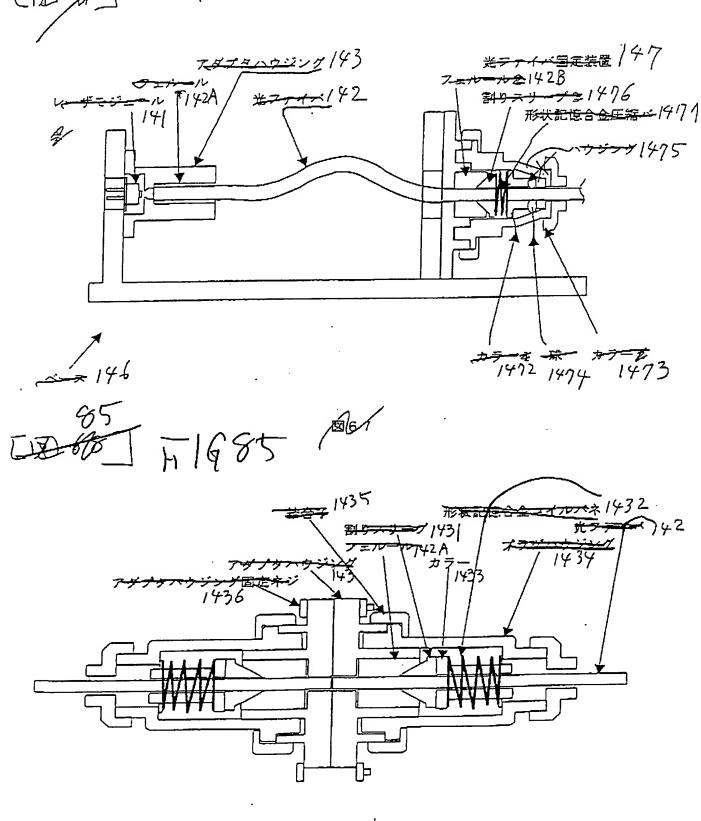
OBLON, SPIVAK, ET AL DOCKET #: 220103US2 INV: Takuro SEKIYA, et al. SHEET \_53\_ OF\_77\_

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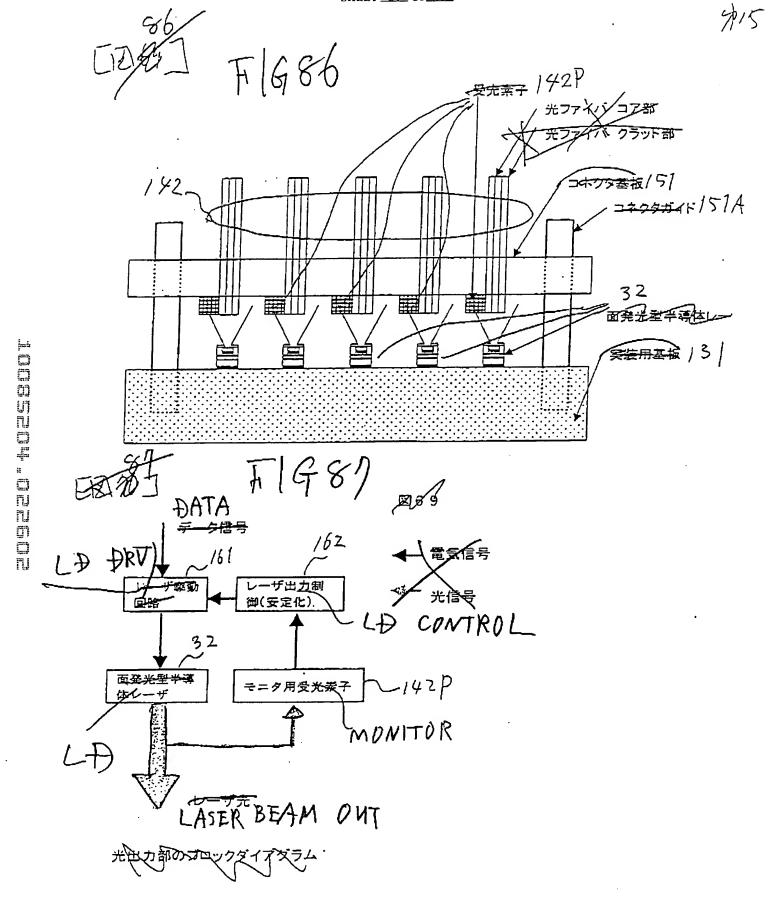
719



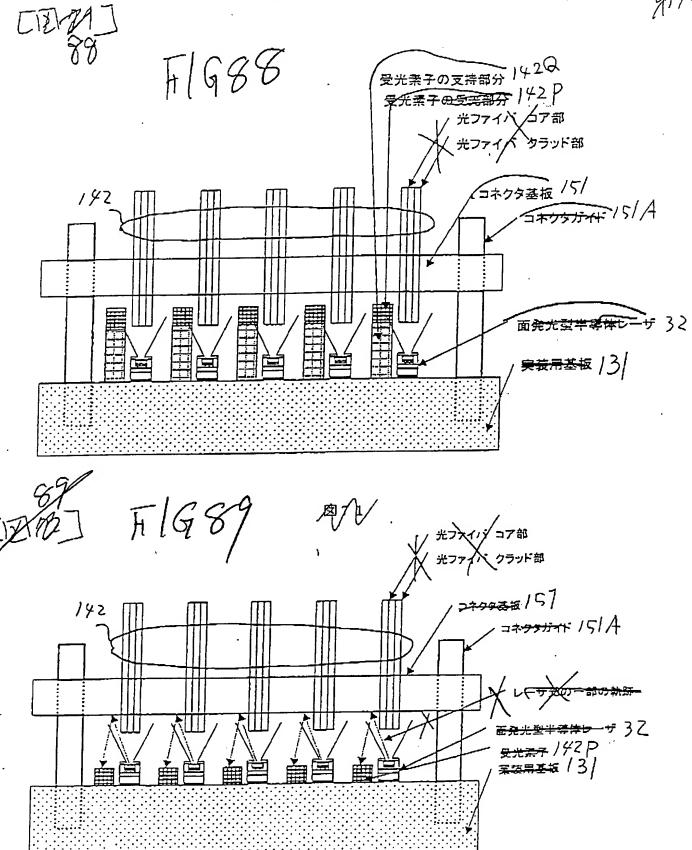
AA

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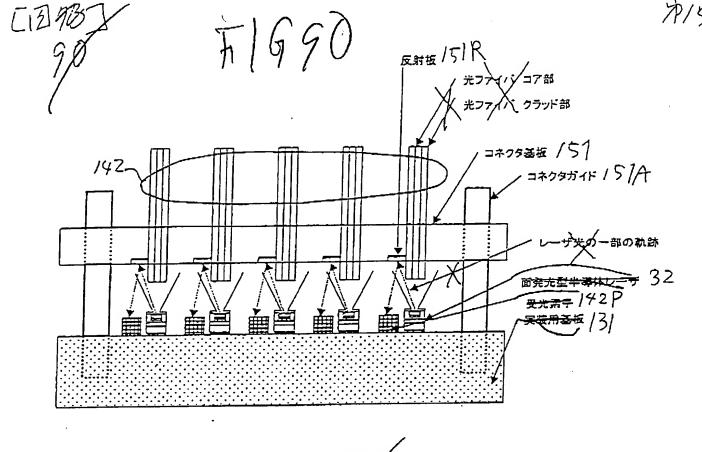
OBLON, SPIVAK, ET AL DOCKET #: 220103US2 INV: Takuro SEKIYA, et al. SHEET \_54\_ OF\_77\_



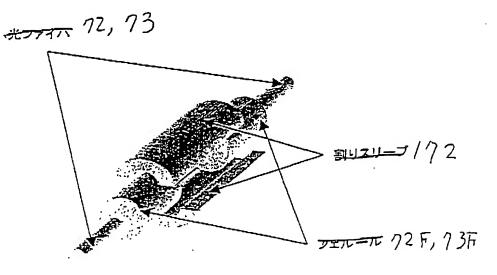
RNO



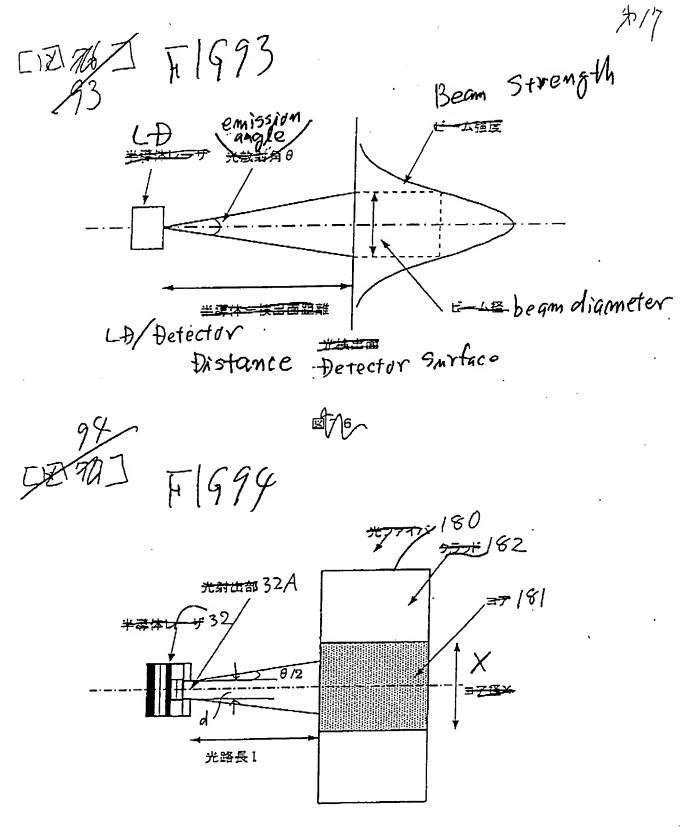




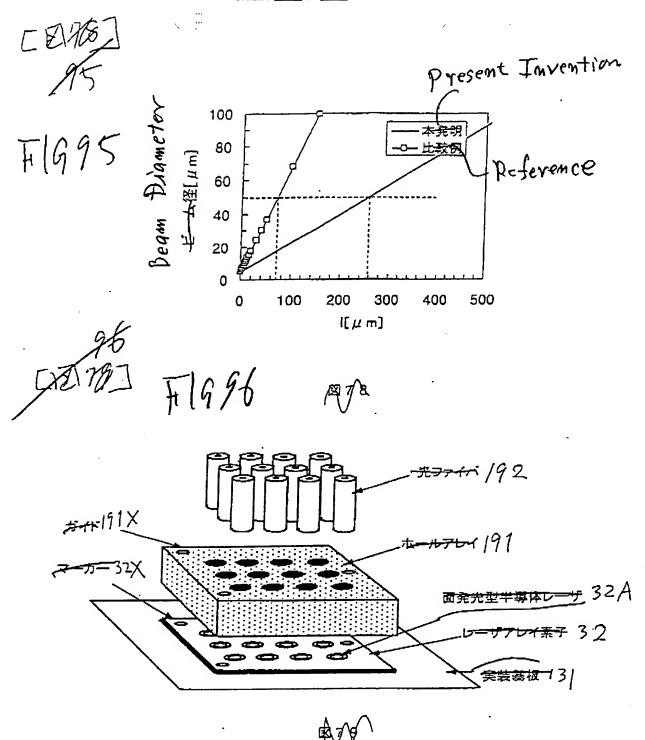
SHEET <u>57</u> OF <u>77</u> CD W F1991 割りスリーブ/72 19tax28/171 773A アダプタ F1992



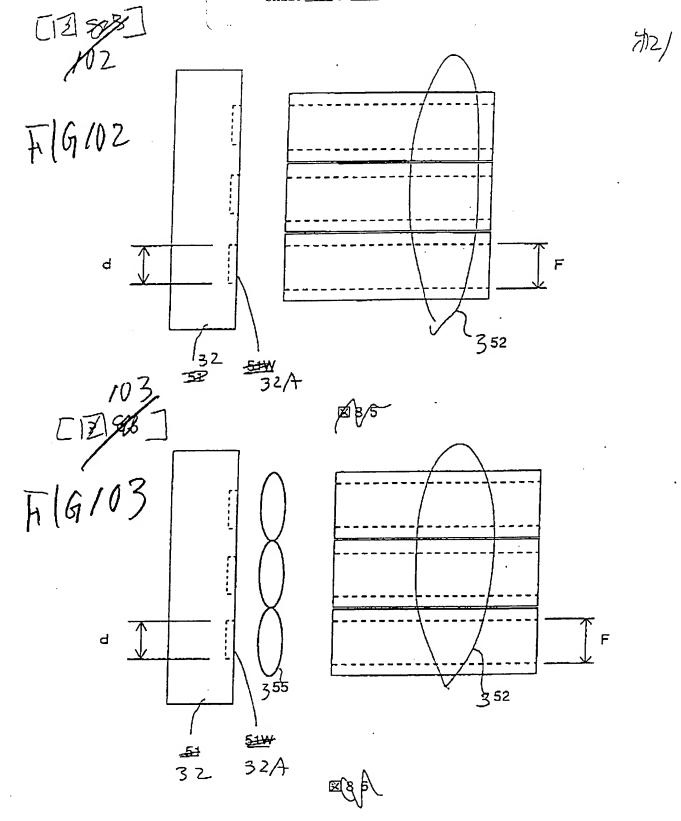




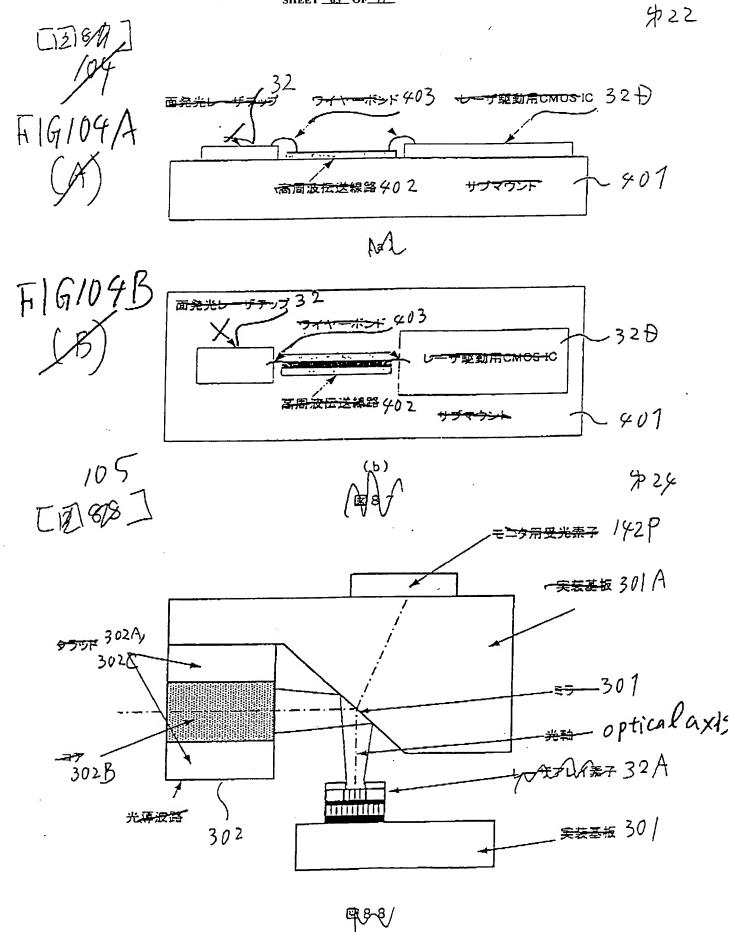
PVV

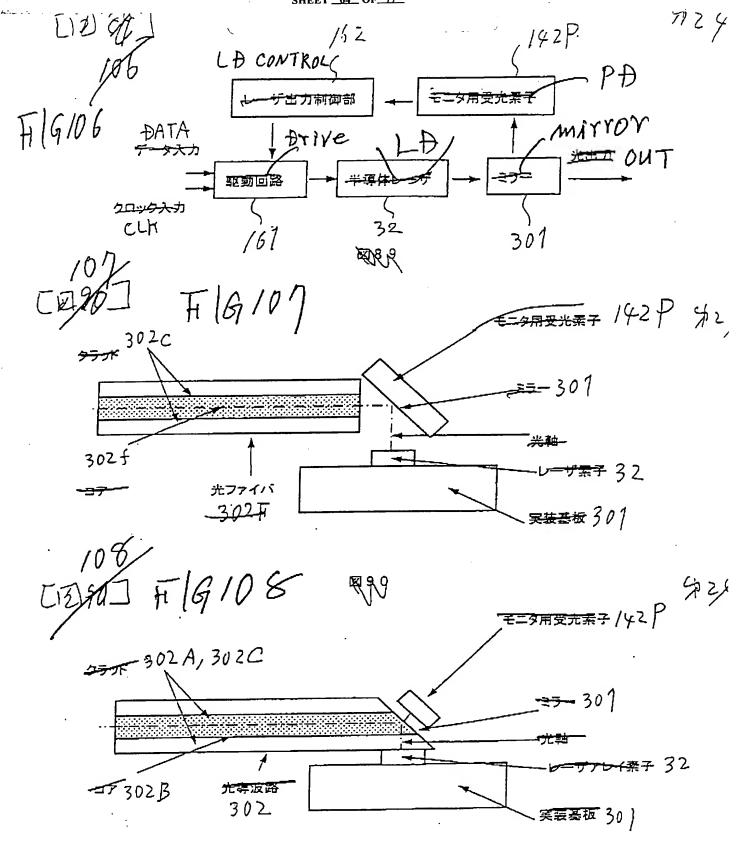


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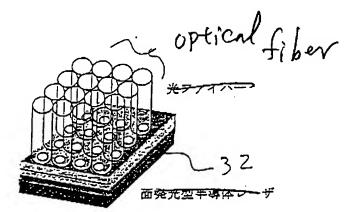
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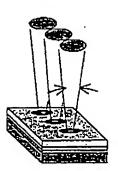
OBLON, SPIVAK, ET AL DOCKET #: 220103US2 INV: Takuro SEKIYA, et al. SHEET \_65\_ OF\_77\_

TIE 20 7

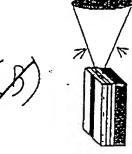


R 3/2/

TIG///A







(a) 西発光型半導体レーザ

(5)端面発光型半導体レ

**193** 

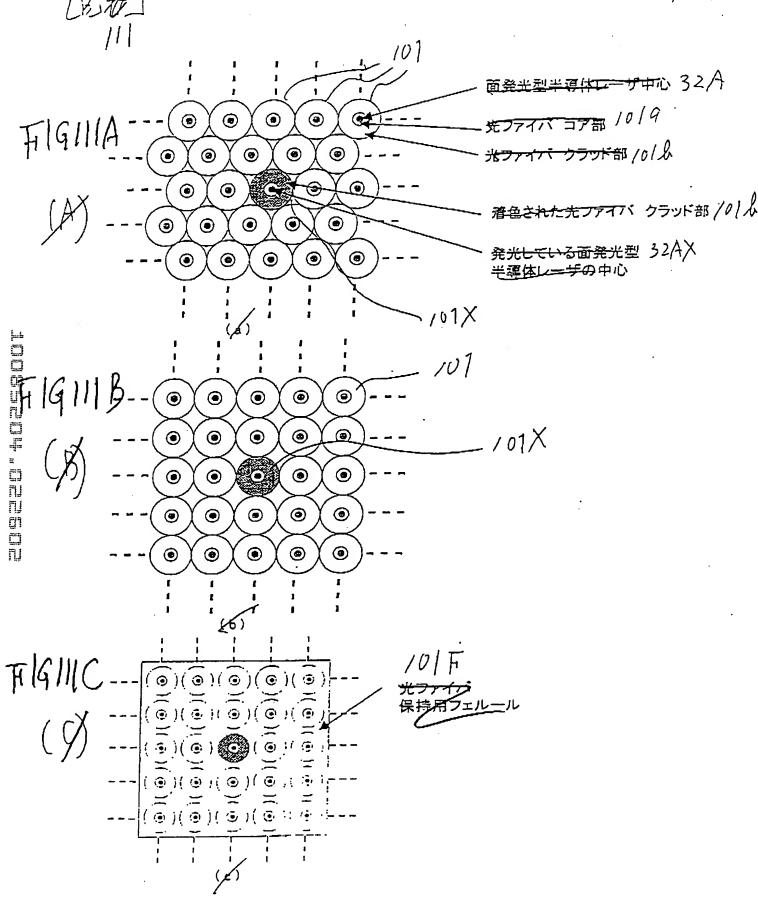


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OBLON, SPIVAR, ET AL DOCKET #: 220103US2 INV: Takuro SEKIYA, et al. SHEET 67 OF 77

F19112 \$25 \$25 F16113B F19113A 323/0/9 10/6

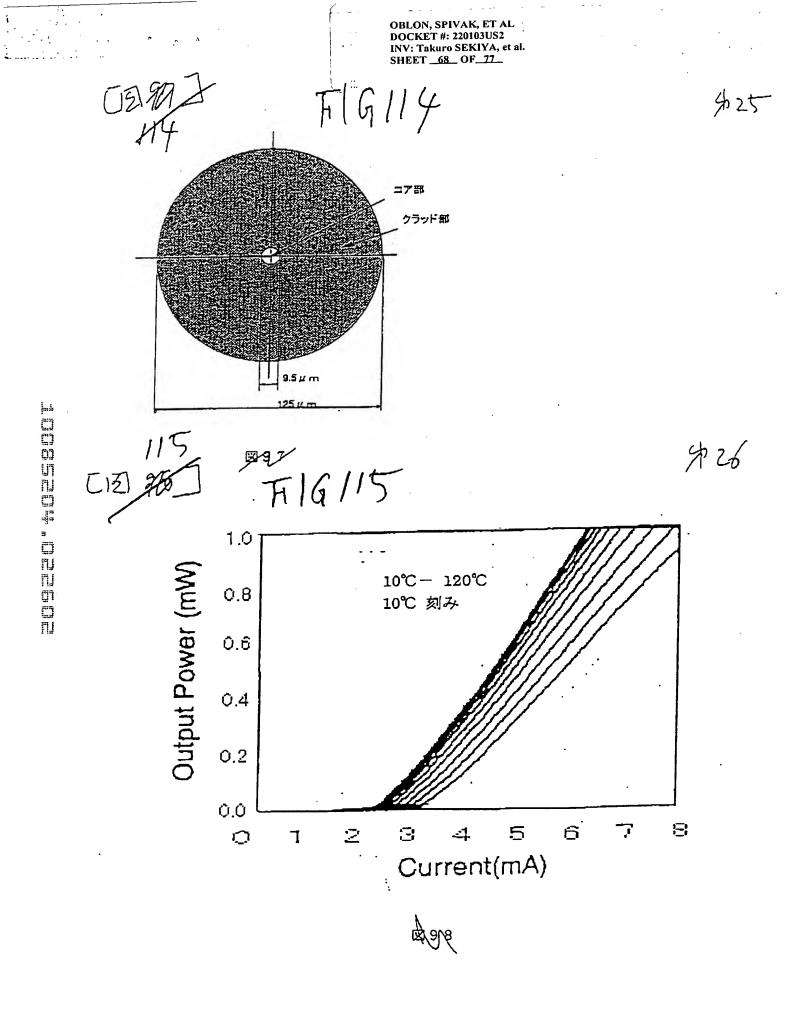
(2) 6

50 u m

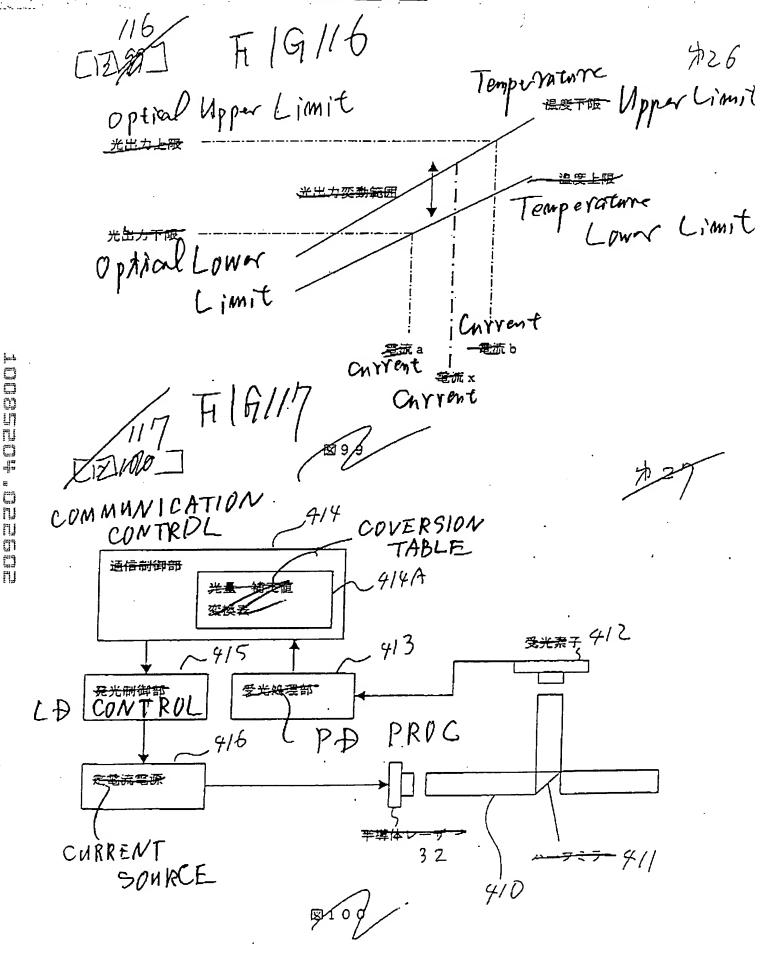
125 µ m

625 µ m

125 µ m



DOCKET #: 220103US2
INV: Takuro SEKIYA, et al.
SHEET 69 OF 77



T13/19 F1/9/19

\$29

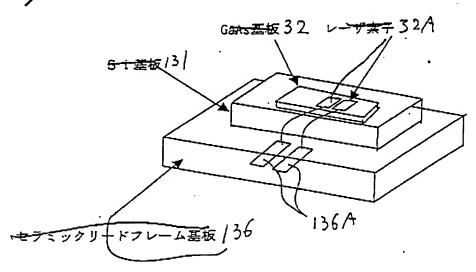
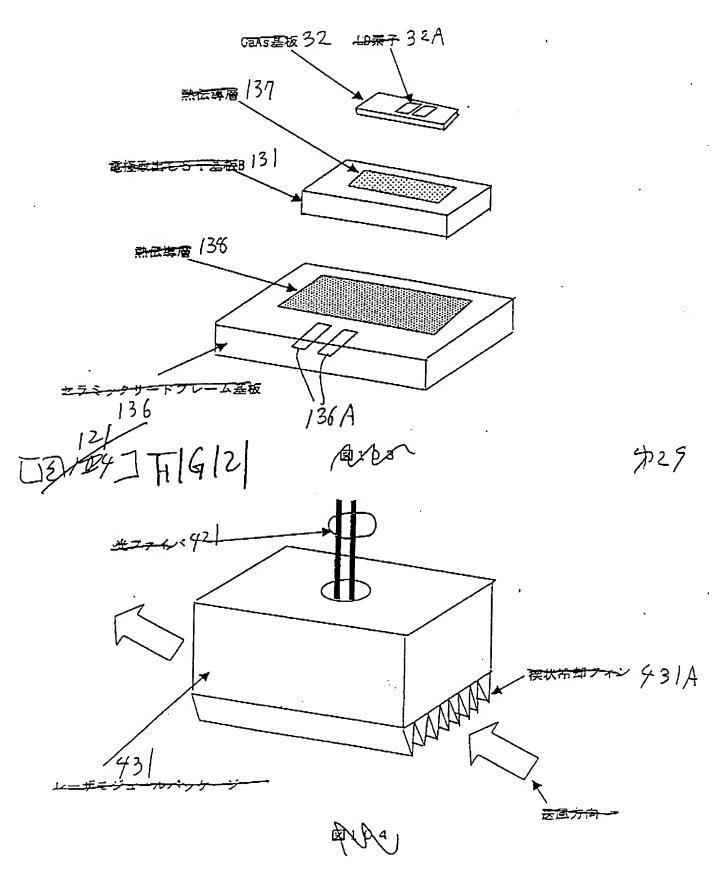


图 2 92

UBLUN, SPIVAK, ET AL DOCKET #: 220103US2 INV: Takuro SEKIYA, et al. SHEET \_71\_ OF\_77\_

CIETY 7 16 120

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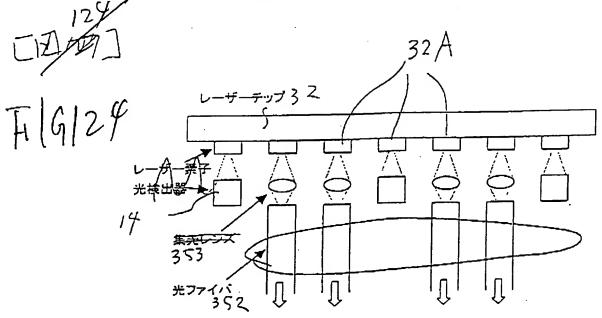
OBLON, SPIVAK, ET AL DOCKET #: 220103US2 INV: Takuro SEKIYA, et al. SHEET \_72\_ OF\_77\_

430 32 A

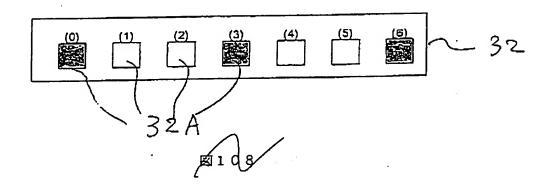
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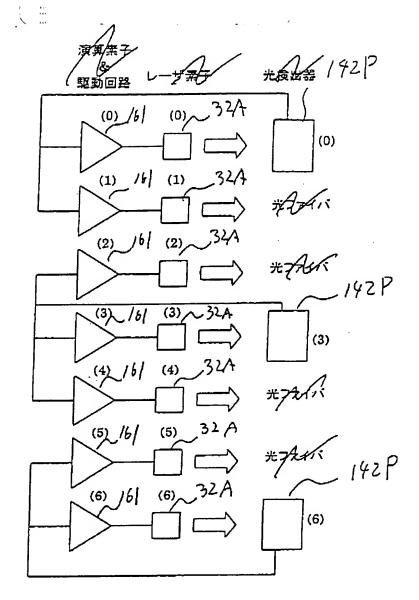


[1]G125

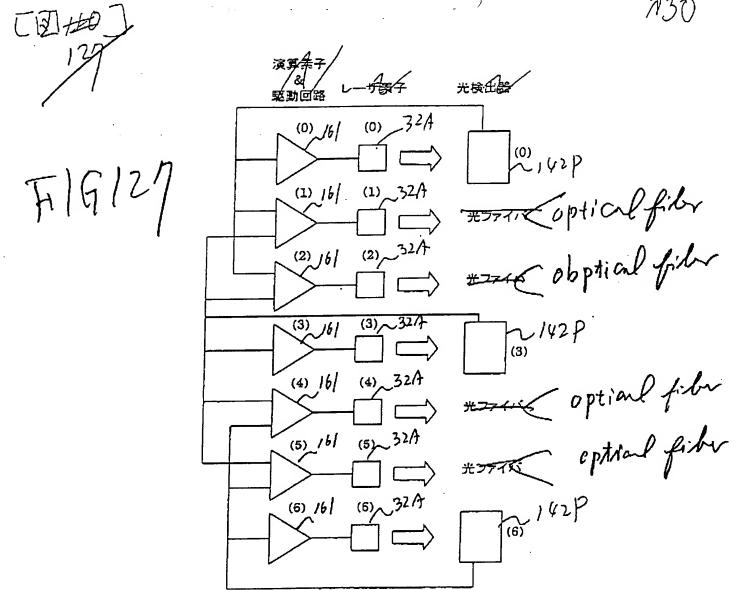


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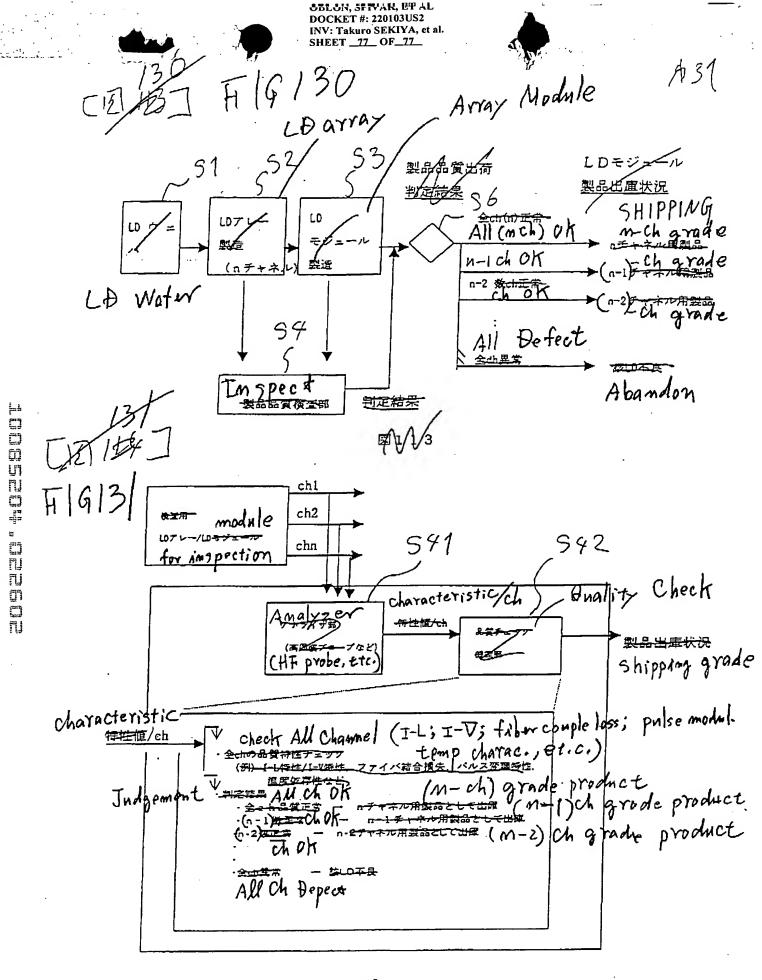
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